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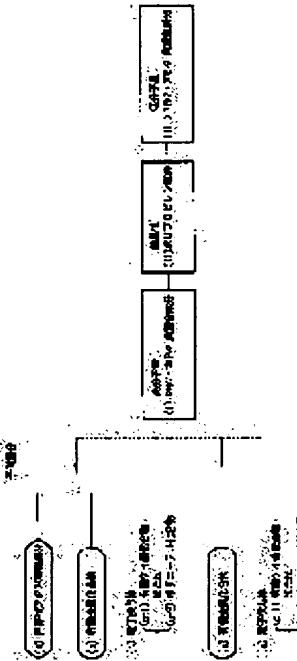
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(54) PROPYLENE BLOCK COPOLYMER, AND ITS PRODUCTION AND USE

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce a propylene block copolymer which is excellent in rigidity and impact resistance, and excellent particularly in injection molding characteristics and can produce an injection-molded article scarcely showing flow marks and hard spots and excellent in appearance, and to provide its use.

SOLUTION: This copolymer contains 2–36wt.% 64° C-decane-solubles which contain 20–55mol% units derived from ethylene and of which the ratio of the viscosity $\eta^*(\omega 0.01)$ measured at an angular velocity ω of 0.01rad/s to the viscosity $\eta^*(\omega 100)$ measured at an angular velocity ω of 100rad/s is at least 50:1 in the frequency-dependent viscoelasticity measurement thereof at 200° C. A high-molecular rubber component, a crystalline polypropylene component and a low-molecular rubber component are produced in order, thus producing the objective copolymer.



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